



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh) and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Sunday, October 1, 2017  
Issued: 0800 CT

**Day One Impacts:** Moderate to isolated major river flooding continues for the Nueces and Rio Grande Rivers.

Minor coastal flooding possible in SE LA.

**National Weather Service**

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



**Prepared by: Jennifer McNatt  
817-978-1100 x 147**

# Key Points



## Today

- Moderate to Major river flooding continues in SW TX
- Minor coastal flooding possible in SE LA

## Monday - Tuesday

- Moderate river flooding will continue in SW TX on the Nueces
- Some heavy rainfall and minor coastal flooding over coastal LA on Monday; into the middle & upper TX coasts by Tuesday

## Wednesday - Thursday

- An unsettled weather pattern is expected mid/late week. Some heavy rain may be possible across central portions of the Region, and a few strong to severe storms over northern portions of the Region. Low confidence in exact locations/amounts at this point.

## Tropical Outlook

- A trough of low pressure that extends from the eastern Gulf of Mexico across portions of FL is producing an area of disorganized showers and thunderstorms and gusty winds near the east coast of central & N FL. Although development of this system is not expected, gusty winds and locally heavy rains are likely to continue over portions of NE FL and SE GA through tonight
  - Formation chance through 48 hours...low...near 0%
  - Formation chance through 5 days...low...near 0%

# FEMA Region 6 Threat Matrix

**Oct 1, 2017 - Oct 5, 2017**

	SUN	MON	TUE	WED	THU
Severe Weather					Northern portions of the Region?
Heavy Rain / Flash Flooding		Coastal LA	Middle & Upper TX Coast	Central portions of the Region?	Central portions of the Region?
Fire Weather					
River Flooding	SW TX	Nueces	Nueces	Nueces	Nueces
		Rio Grande	Rio Grande	Rio Grande	Rio Grande
Tropical Weather	Minor coastal flooding – SE LA	Minor coastal flooding - LA	Minor coastal flooding – LA & TX		

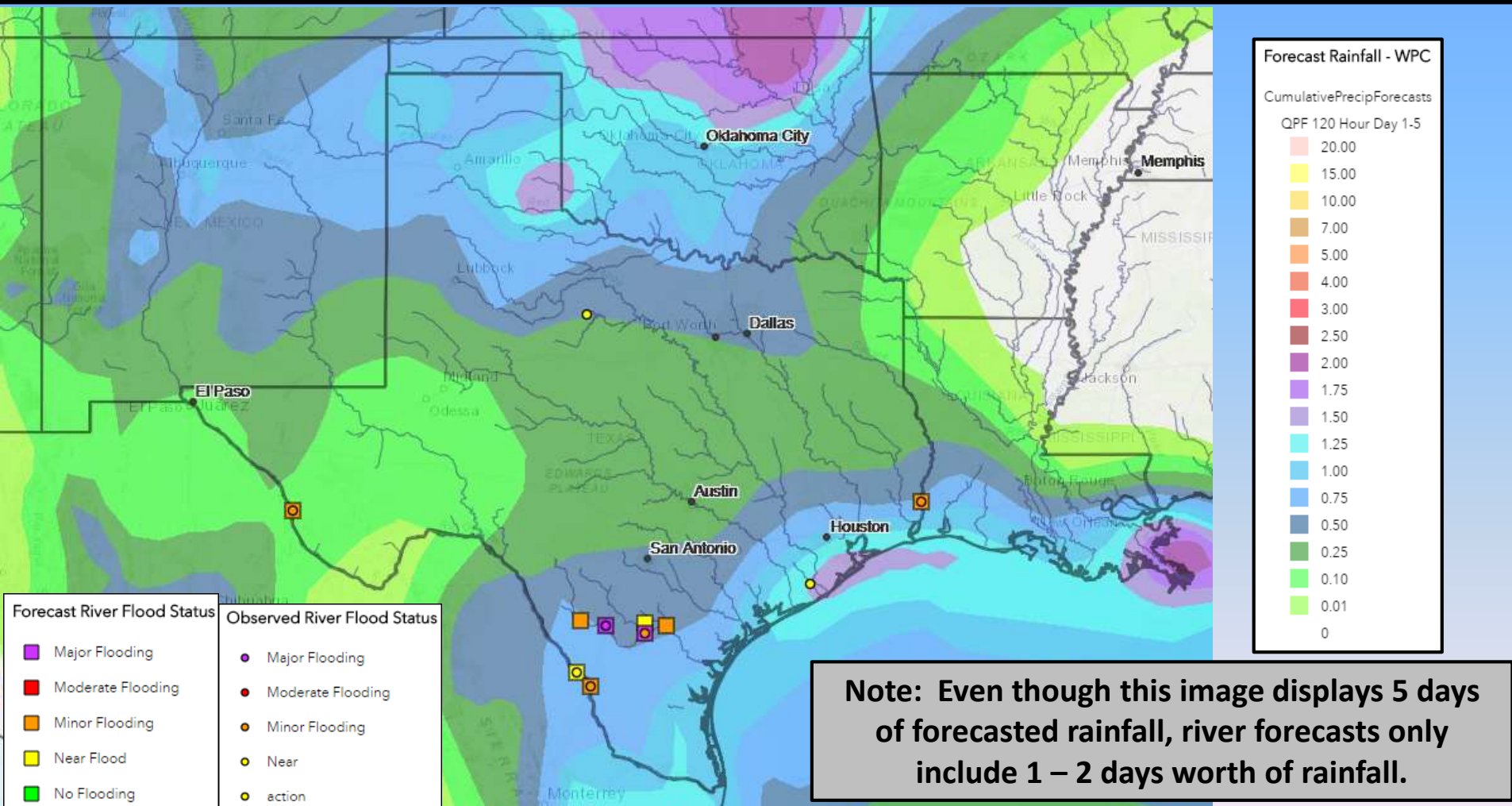
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# 5-Day Precipitation Forecast & River Flood Status

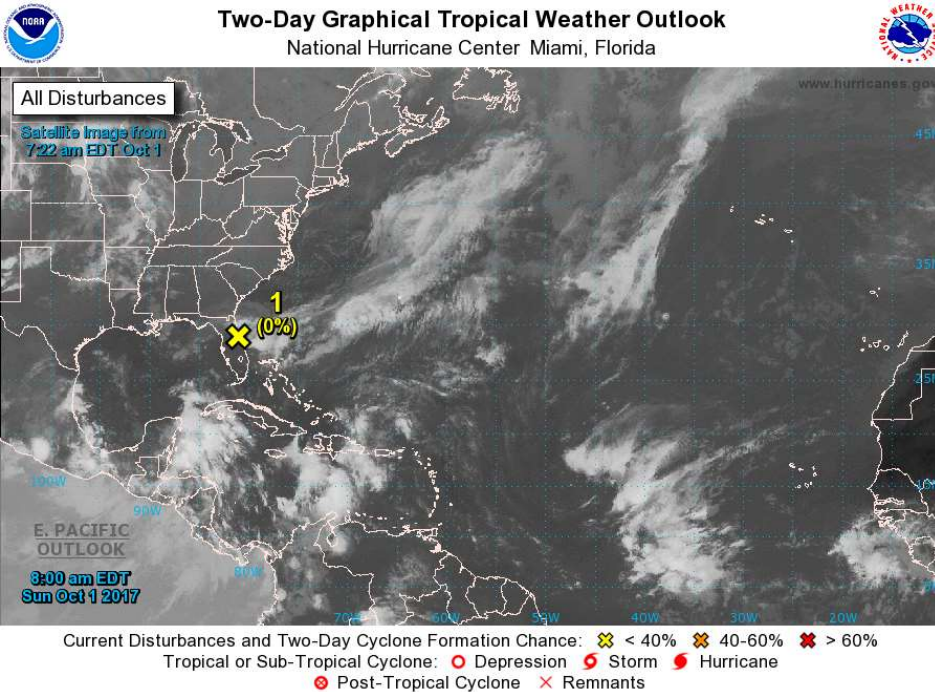
The Nueces River at Cotulla has crested in major flood, and will slowly recede. The Nueces near Tilden will continue to rise this week into Moderate/Major Flood. Minor flooding along the Rio Grande will continue for the next several days. The Sabine River at Deweyville remains in Minor flood.



For the latest on river flooding: <http://water.weather.gov/ahps>



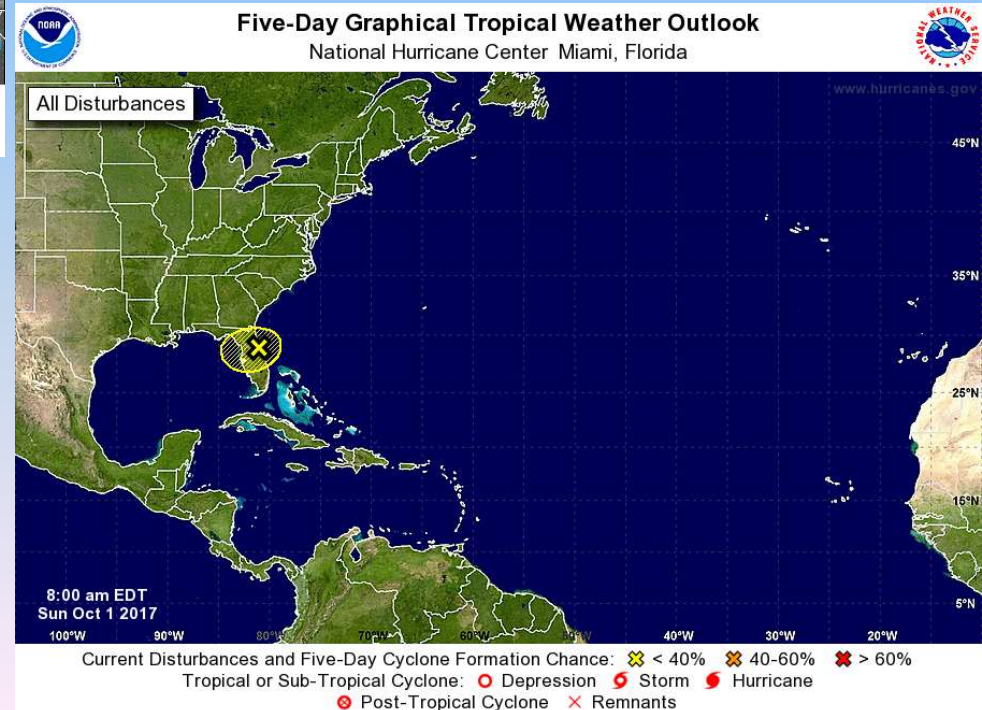
# Tropical Weather Outlook



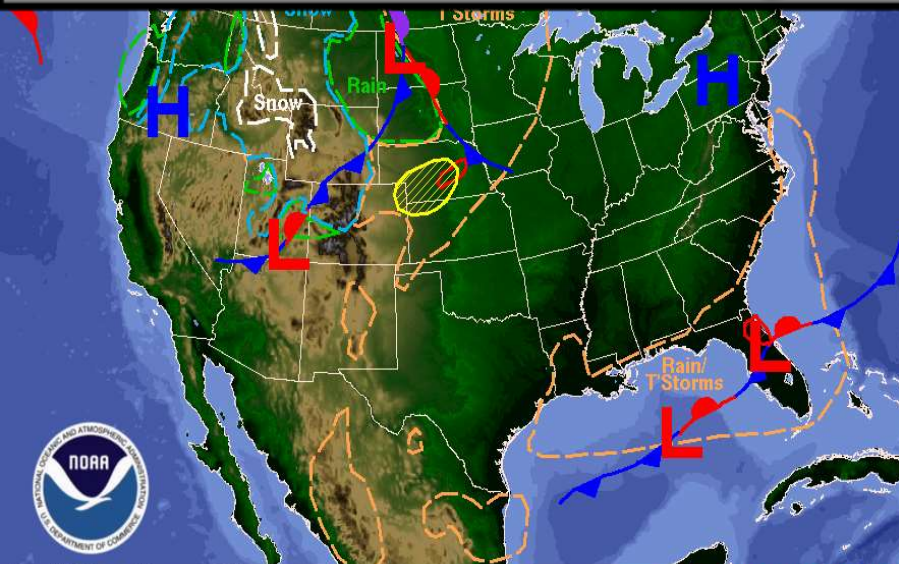
A trough of low pressure that extends from the eastern Gulf of Mexico across portions of FL is producing an area of disorganized showers and thunderstorms and gusty winds near the east coast of central & N FL. Development of this system is not expected, but gusty winds and locally heavy rains are likely to continue across NE FL and SE GA today.

*Formation chance through 48 hours...low...near 0%*

*Formation chance through 5 days...low...near 0%*



# Today's Weather



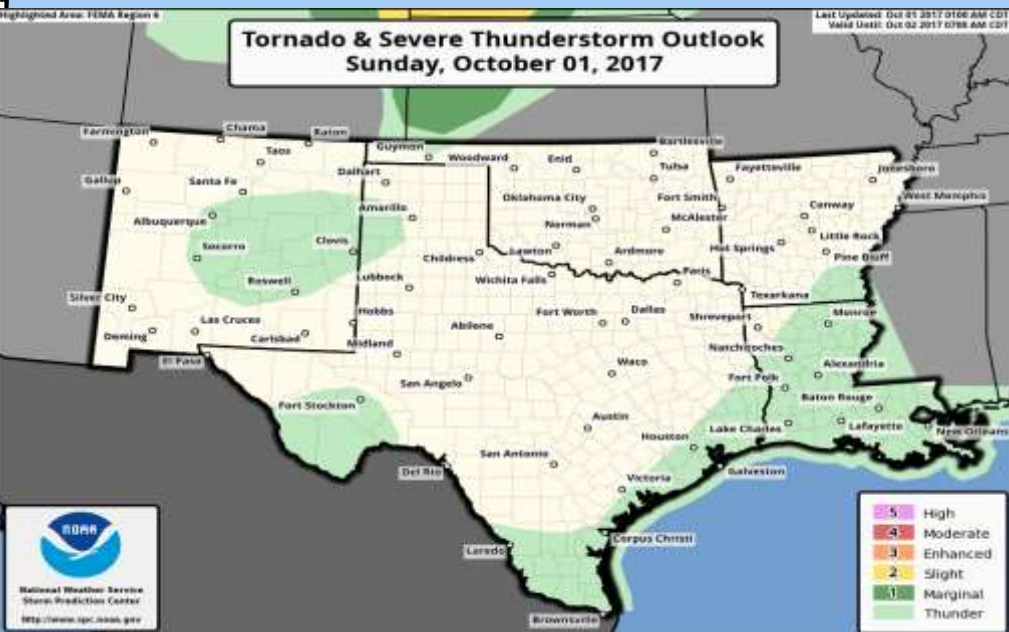
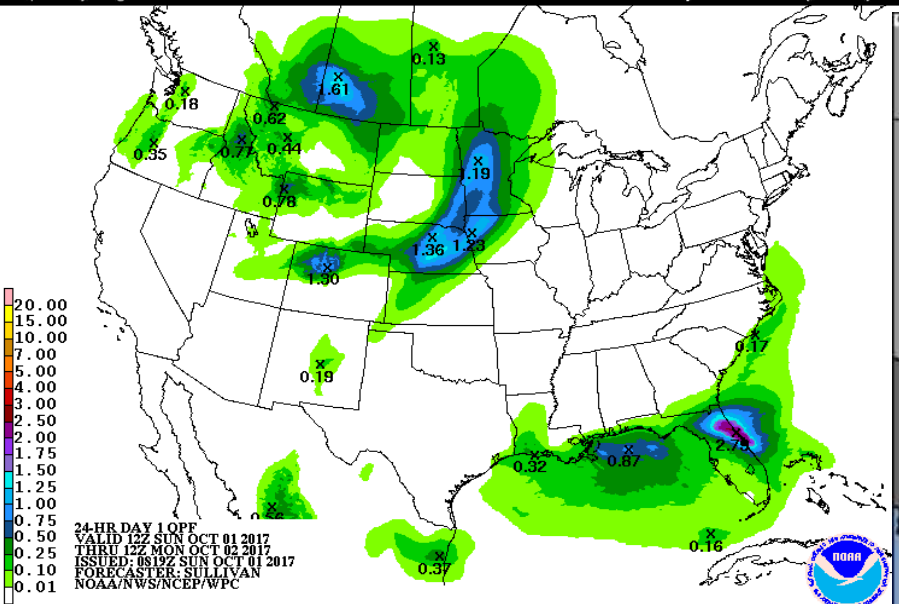
Moderate to major river flooding continues in SW TX.

Minor coastal flooding possible in SE LA.

## Day 1 National Forecast Chart

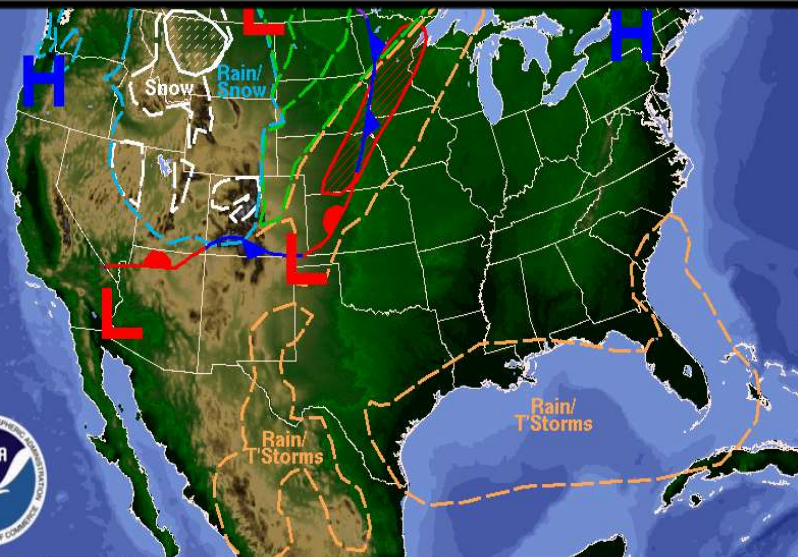
Valid Sun, Oct 01, 2017, issued 6:45 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kong/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)





# Tomorrow's Weather



Moderate river flooding continues in SW TX.

Minor coastal flooding possible in SE LA.

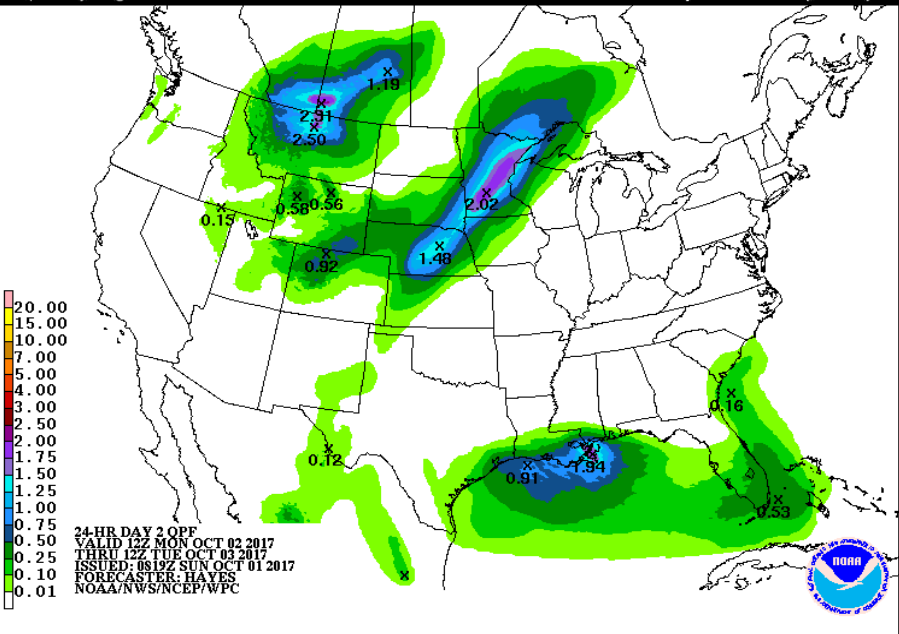
Some isolated heavy rain is possible for coastal LA.



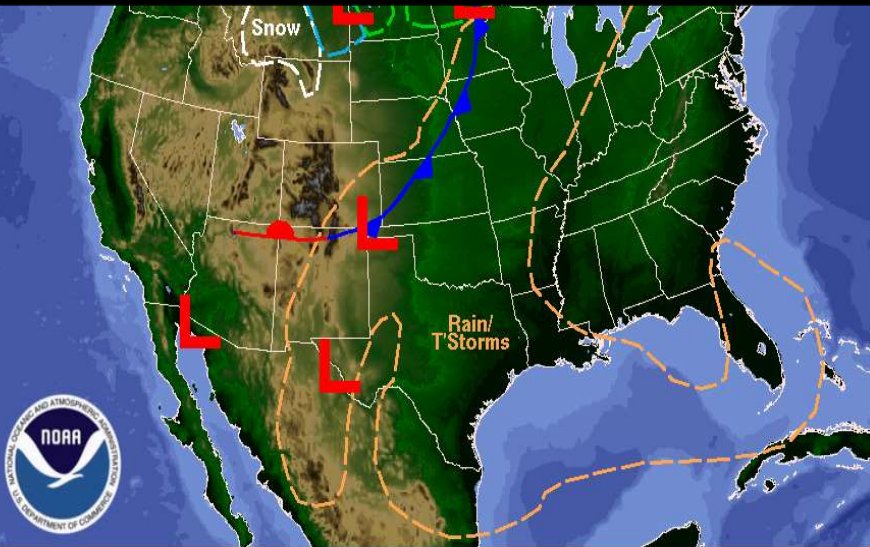
## Day 2 National Forecast Chart

Valid Mon, Oct 02, 2017, issued 5:05 AM EDT Sun, Oct 01, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kong with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)



# Tuesday's Weather



Moderate river flooding continues in SW TX.

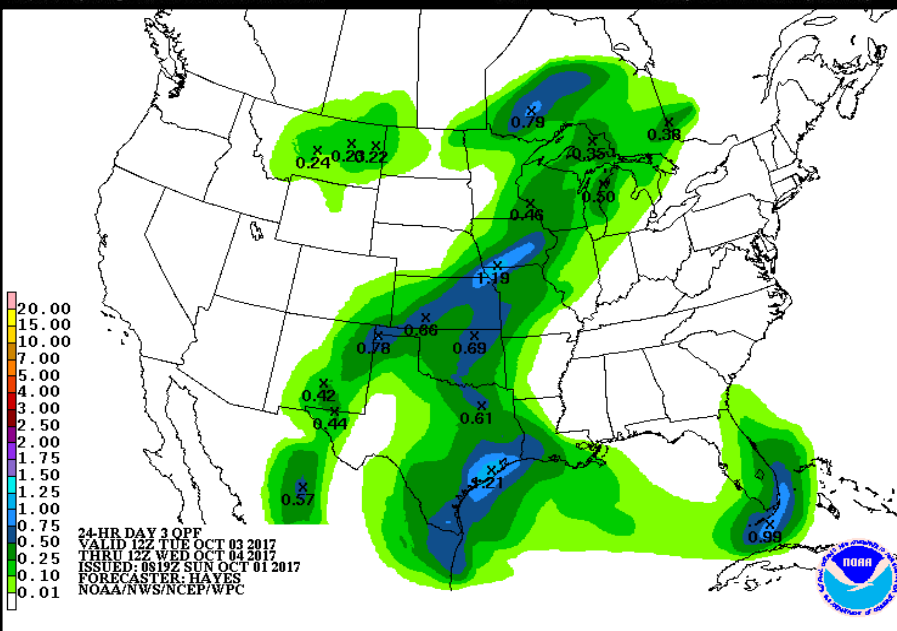
Minor coastal flooding possible in S LA & Upper TX Coast.

Some isolated heavy rain is possible for the middle and upper TX coast.

## Day 3 National Forecast Chart

Valid Tue, Oct 03, 2017, issued 5:00 AM EDT Sun, Oct 01, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kong with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)











# Day 4-5 Weather Hazards

**Valid: 0800 Wed - 0800 Fri**



**An unsettled weather pattern is expected mid/late week. Some heavy rain may be possible across central portions of the Region, and a few strong to severe storms over northern portions of the Region. Low confidence in exact locations/amounts at this point.**

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

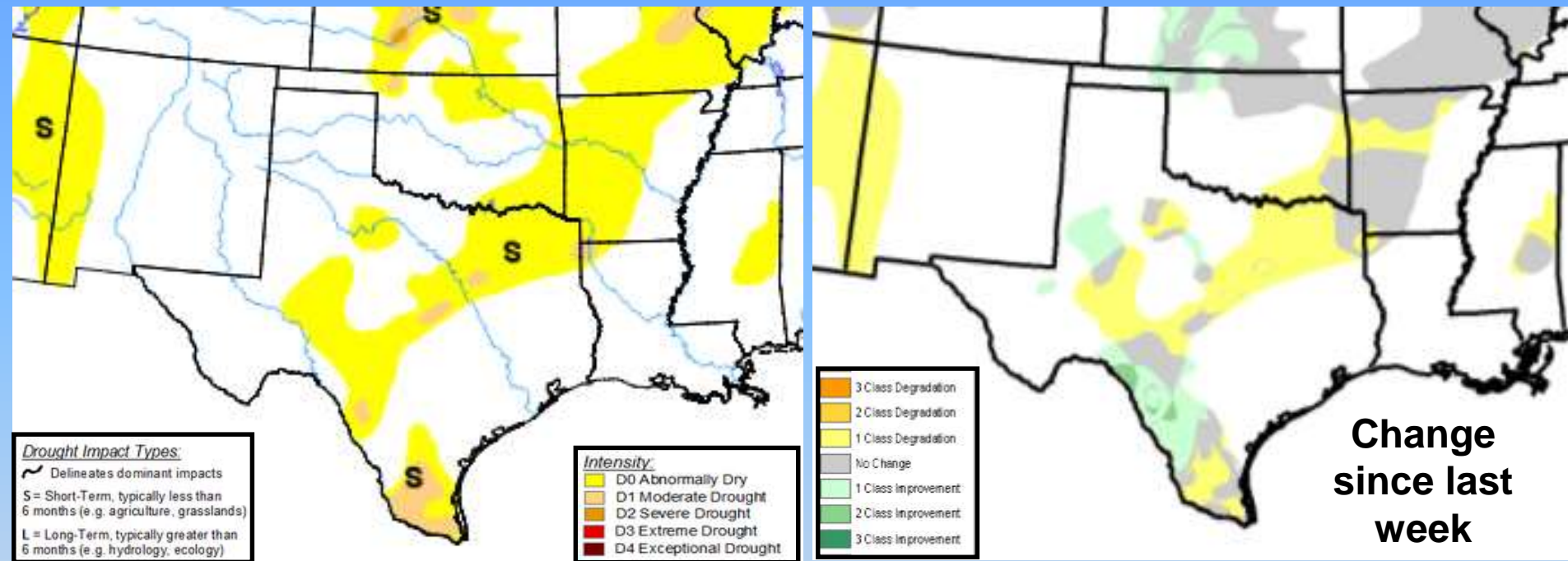
**\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**





# Drought Monitor Released 28 September, 2017

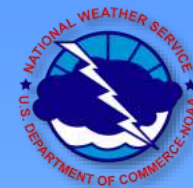
Data valid as of 7am CDT, Tuesday, September 26, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

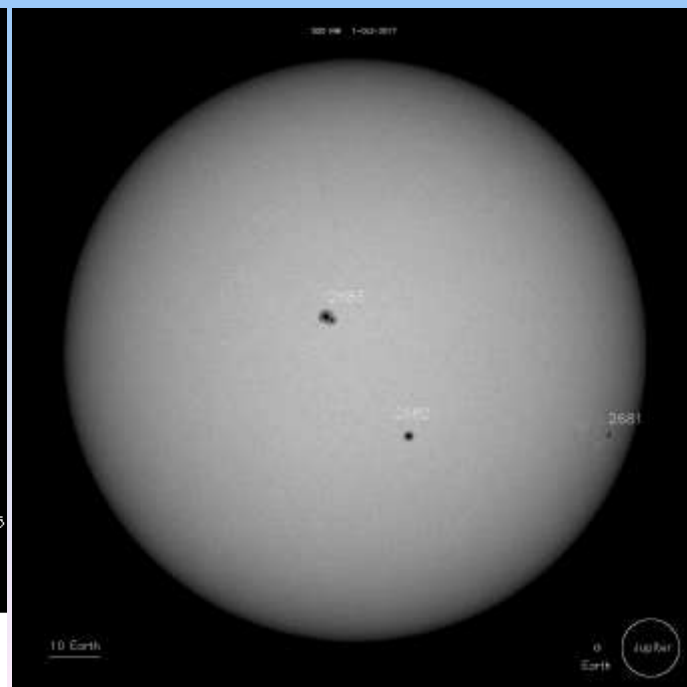
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Sunday	Monday	Tuesday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%





Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

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<https://www.facebook.com/NWSSouthern>

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)

# The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>